**Lab One: Oliver Wendell Holmes, Jr.**

***Step #1: Identify the Problem*** – A small photocopied picture was found at the crime scene. There was a scribbled note on the back. How do we figure out how this picture and note relate to the crime?

***What do we know?*** The picture is of Oliver Wendell Holmes Jr. The name of the book the picture was taken from is written on the back.

***Need to know:*** 1) Where is the book located? 2) How would I find Holmes quickly in the book? 3) What does Oliver have in common with our criminal?

**Step #2:** What program will I use to help me find the answer to these questions? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #3**: What is the location of the book in the media center and which page number should I use? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #4**: Write four important facts about Oliver Wendell Holmes, Jr.

1.

2.

3.

4.

**Step #5**: Use these notes to write a brief summary of Oliver Wendell Holmes, Jr.

**Step #6**: Evaluate your summary. Do you think you wrote a good description of Holmes?

**Lab Two: the Parent’s Note**

***Step #1: Identify the Problem*** – A hand written note was found by a media center computer. The note was written by a parent, but the name could be not be distinguished. In the note the parent is asking the teacher to help her daughter find a book with the subjects schools and teachers. The student’s Accelerated Reader Level is 5.6. The parent would also like the book to be written about the grade level her child is in.

***What do we know?*** The teacher was probably about to look for a book on the computer based on the parent’s request on the note. If we find a book with the requested subjects we may be able to figure out which grade level the criminal works with.

***Need to know:*** 1) Does the library own a book with those subjects in that AR level? 2) If so, what grade level is the book about?

**Step #2**: What do I need to use to search for a book?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #3**: How would I search for a book using the criteria listed in the note? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #4:** What is the title of the book? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #5**: Based on the title of the book which grade does the criminal work with? ­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #6**: Did you find the answer quickly and in the most efficient way? What would you differently next time?

**Lab Three: The Genres Flipchart**

***Step #1: Identify the Problem*** – The morning after the crime Mrs. Bates found her laptop and ActivBoard on when she knows she turned it off the day before. A flipchart that Mrs. Bates had not created had been saved to the desktop. The title of the flipchart was Genres for My Students.

***What do we know?*** Someone created a flipchart to be used on an ActivBoard. Based on the name of the flipchart, it somehow relates to the students who it was created for.

***Need to know:*** 1) How does the flipchart relate to the criminal?

**Step #2:** What do I need to do in this flipchart? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #3**: Do what you suggested in step 2? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #4**: When the flipchart is completed step back and look at the screen. What word sticks out?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #5**: What conclusion can you draw from this word?

**Step #6**: Evaluate your conclusion. Do you think it is an educated conclusion?

**Lab Four: The Cookbook**

***Step #1: Identify the Problem*** – The book *The Down to Earth Cookbook* had been taken from the library shelf and a whole section had been ripped out.

***What do we know?*** The criminal wanted just one part of the cookbook.

***Need to know:*** 1) What part of the cookbook is missing? 2) How does this missing part of the cookbook relate to the criminal?

**Step #2:** Which pages of the book are missing? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #3**: Which part of the book can I use to help me find out what was on the missing pages? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #4**: Which types of recipes are on the pages that are missing? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step #5**: What can you conclude about the criminal based on the part of the book that is missing?

**Step #6**: Evaluate your conclusion. Do you think you made an educated decision?